

AUTHOR INDEX OF VOLUME 86*

- Argyris, J., M. Haase and J.C. Heinrich, Finite element approximation to two-dimensional sine-Gordon solitons (1) 1 - 26
- Belytschko, T., see Besterfield, G.H. (3) 297 - 320
- Bertand, F.H., see Hurez, P. (1) 87 - 103
- Besterfield, G.H., W.K. Liu, M.A. Lawrence and T. Belytschko, Fatigue crack growth reliability by probabilistic finite elements (3) 297 - 320
- Borja, R.I., Composite Newton-PCG and quasi-Newton iterations for nonlinear consolidation (1) 27 - 60
- Dhatt, G., see Soulaïmani, A. (3) 265 - 296
- Dulikravich, G.S., see Lee, S. (2) 245 - 262
- Foroozesh, M., see Voyiadjis, G.Z. (3) 337 - 370
- Fortin, M., see Soulaïmani, A. (3) 265 - 296
- French, D.A. and S. Jensen, Behaviour in the large of numerical solutions to one-dimensional nonlinear viscoelasticity by continuous time Galerkin methods (1) 105 - 124
- Ghosh, S. and N. Kikuchi, An arbitrary Lagrangian-Eulerian finite element method for large deformation analysis of elastic-viscoplastic solids (2) 127 - 188
- Haase, M., see Argyris, J. (1) 1 - 26
- Heinrich, J.C., see Argyris, J. (1) 1 - 26
- Hsieh, C.K. and A.J. Kassab, Complex variable boundary element methods for the solution of potential problems in simply and multiply connected domains (2) 189 - 213
- Huang, M.-K., see Wang, X.-X. (1) 73 - 86
- Hurez, P., P.A. Tanguy and F.H. Bertrand, A finite element analysis of die swell with pseudoplastic and viscoplastic fluids (1) 87 - 103
- Ikeda, K. and K. Murota, Bifurcation analysis of symmetric structures using block-diagonalization (2) 215 - 243
- Jensen, S., see French, D.A. (1) 105 - 124

* The issue number is given in front of the page numbers.

- Kassab, A.J., see Hsieh, C.K. (2) 189 – 213
Kikuchi, N., see Ghosh, S. (2) 127 – 188
- Lawrence, M.A., see Besterfield, G.H. (3) 297 – 320
Lee, S. and G.S. Dulikravich, Distributed minimal residual (DMR) method for acceleration of iterative algorithms (2) 245 – 262
Liu, W.K., see Besterfield, G.H. (3) 297 – 320
- Mukherjee, S., see Zhang, Q. (3) 321 – 325
Murota, K., see Ikeda, K. (2) 215 – 243
- Ouellet, Y., see Soulaïmani, A. (3) 265 – 296
- Qian, J., see Wang, X.-X. (1) 73 – 86
- Smolinski, P., A variable multi-step method for transient heat conduction (1) 61 – 71
Soulaïmani, A., M. Fortin, G. Dhatt and Y. Ouellet, Finite element simulation of two- and three-dimensional free surface flows (3) 265 – 296
- Tanguy, P.A., see Hurez, P. (1) 87 – 103
- Voyiadjis, G.Z. and M. Foroozesh, A finite strain, total Lagrangian finite element solution for metal extrusion problems (3) 337 – 370
- Wang, X.-X., J. Qian and M.-K. Huang, A boundary integral equation formulation for large amplitude nonlinear vibration of thin elastic plates (1) 73 – 86
- Zhang, Q. and S. Mukherjee, Second-order design sensitivity analysis for linear elastic problems by the derivative boundary element method (3) 321 – 325

SUBJECT INDEX OF VOLUME 86*

Boundary element methods

- A boundary integral equation formulation for large amplitude nonlinear vibration of thin elastic plates, X.-X. Wang, J. Qian and M.-K. Huang (1) 73-86
- Complex variable boundary element methods for the solution of potential problems in simply and multiply connected domains, C.K. Hsieh and A.J. Kassab (2) 189-213
- Second-order design sensitivity analysis for linear elastic problems by the derivative boundary element method, Q. Zhang and S. Mukherjee (3) 321-335

Dynamics

- Finite element approximation to two-dimensional sine-Gordon solitons, J. Argyris, M. Haase and J.C. Heinrich (1) 1-26
- A boundary integral equation formulation for large amplitude nonlinear vibration of thin elastic plates, X.-X. Wang, J. Qian and M.-K. Huang (1) 73-86

Elasticity

- A boundary integral equation formulation for large amplitude nonlinear vibration of thin elastic plates, X.-X. Wang, J. Qian and M.-K. Huang (1) 73-86
- Second-order design sensitivity analysis for linear elastic problems by the derivative boundary element method, Q. Zhang and S. Mukherjee (3) 321-335

Finite element and matrix methods

- A boundary integral equation formulation for large amplitude nonlinear vibration of thin elastic plates, X.-X. Wang, J. Qian and M.-K. Huang (1) 73-86
- A finite element analysis of die swell with pseudoplastic and viscoplastic fluids, P. Hurez, P.A. Tanguy and F.H. Bertrand (1) 87-103
- Behaviour in the large of numerical solutions to one-dimensional nonlinear viscoelasticity by continuous time Galerkin methods, D.A. French and S. Jensen (1) 105-124
- An arbitrary Lagrangian-Eulerian finite element method for large deformation analysis of elastic-viscoplastic solids, S. Ghosh and N. Kikuchi (2) 127-188

* The issue number is given in front of the page numbers.

- Finite element simulation of two- and three-dimensional free surface flows,
A. Soulaïmani, M. Fortin, G. Dhatt and Y. Ouellet (3) 265 – 296
- Fatigue crack growth reliability by probabilistic finite elements,
G.H. Besterfield, W.K. Liu, M.A. Lawrence and T. Belytschko (3) 297 – 320
- A finite strain, total Lagrangian finite element solution for metal extrusion
problems, G.Z. Voyiadjis and M. Foroozesh (3) 337 – 370

Fluid mechanics

- A finite element analysis of die swell with pseudoplastic and viscoplastic
fluids, P. Hurez, P.A. Tanguy and F.H. Bertrand (1) 87 – 103
- Finite element simulation of two- and three-dimensional free surface flows,
A. Soulaïmani, M. Fortin, G. Dhatt and Y. Ouellet (3) 265 – 296

Fracture mechanics

- Fatigue crack growth reliability by probabilistic finite elements,
G.H. Besterfield, W.K. Liu, M.A. Lawrence and T. Belytschko (3) 297 – 320

General Rayleigh–Ritz and Galerkin techniques

- Finite element approximation to two-dimensional sine–Gordon solitons,
J. Argyris, M. Haase and J.C. Heinrich (1) 1 – 26

Heat and diffusion

- A variable multi-step method for transient heat conduction, P. Smolinski (1) 61 – 71

Incompressible and near incompressible media

- Finite element simulation of two- and three-dimensional free surface flows,
A. Soulaïmani, M. Fortin, G. Dhatt and Y. Ouellet (3) 265 – 296

Nonlinear mechanics

- Composite Newton–PCG and quasi-Newton iterations for nonlinear
consolidation, R.I. Borja (1) 27 – 60
- An arbitrary Lagrangian–Eulerian finite element method for large
deformation analysis of elastic-viscoplastic solids, S. Ghosh and N. Kikuchi (2) 127 – 188
- Bifurcation analysis of symmetric structures using block-diagonalization,
K. Ikeda and K. Murota (2) 215 – 243
- Distributed minimal residual (DMR) method for acceleration of iterative
algorithms, S. Lee and G.S. Dulikravich (2) 245 – 262
- A finite strain, total Lagrangian finite element solution for metal extrusion
problems, G.Z. Voyiadjis and M. Foroozesh (3) 337 – 370

Numerical solution procedures

- Composite Newton-PCG and quasi-Newton iterations for nonlinear consolidation, R.I. Borja (1) 27-60
- A variable multi-step method for transient heat conduction, P. Smolinski (1) 61-71
- Behaviour in the large of numerical solutions to one-dimensional nonlinear viscoelasticity by continuous time Galerkin methods, D.A. French and S. Jensen (1) 105-124
- An arbitrary Lagrangian-Eulerian finite element method for large deformation analysis of elastic-viscoplastic solids, S. Ghosh and N. Kikuchi (2) 127-188
- Distributed minimal residual (DMR) method for acceleration of iterative algorithms, S. Lee and G.S. Dulikravich (2) 245-262
- A finite strain, total Lagrangian finite element solution for metal extrusion problems, G.Z. Voyiadjis and M. Foroozesh (3) 337-370

Optimisation and design of structures

- Second-order design sensitivity analysis for linear elastic problems by the derivative boundary element method, Q. Zhang and S. Mukherjee (3) 321-335

Plasticity

- A finite strain, total Lagrangian finite element solution for metal extrusion problems, G.Z. Voyiadjis and M. Foroozesh (3) 337-370

Problems in physics

- Finite element approximation to two-dimensional sine-Gordon solitons, J. Argyris, M. Haase and J.C. Heinrich (1) 1-26

Solutions of integral equations (singularity method)

- A boundary integral equation formulation for large amplitude nonlinear vibration of thin elastic plates, X.-X. Wang, J. Qian and M.-K. Huang (1) 73-86
- Complex variable boundary element methods for the solution of potential problems in simply and multiply connected domains, C.K. Hsieh and A.J. Kassab (2) 189-213

Solutions of ordinary and partial differential equations

- Finite element approximation to two-dimensional sine-Gordon solitons, J. Argyris, M. Haase and J.C. Heinrich (1) 1-26

Stability in structural mechanics

- Bifurcation analysis of symmetric structures using block-diagonalization,
K. Ikeda and K. Murota (2) 215–243

Systems of linear and nonlinear simultaneous equations

- Finite element approximation to two-dimensional sine–Gordon solitons,
J. Argyris, M. Haase and J.C. Heinrich (1) 1–26
Composite Newton–PCG and quasi-Newton iterations for nonlinear
consolidation, R.I. Borja (1) 27–60
Distributed minimal residual (DMR) method for acceleration of iterative
algorithms, S. Lee and G.S. Dulikravich (2) 245–262

Thermal effects and thermodynamics

- Behaviour in the large of numerical solutions to one-dimensional nonlinear
viscoelasticity by continuous time Galerkin methods, D.A. French and
S. Jensen (1) 105–124

Viscoelastic and viscoplastic media

- A finite element analysis of die swell with pseudoplastic and viscoplastic
fluids, P. Hurez, P.A. Tanguy and F.H. Bertrand (1) 87–103
An arbitrary Lagrangian–Eulerian finite element method for large
deformation analysis of elastic-viscoplastic solids, S. Ghosh and N. Kikuchi (2) 127–188

Wave motion

- Finite element approximation to two-dimensional sine–Gordon solitons,
J. Argyris, M. Haase and J.C. Heinrich (1) 1–26

